In the Claims:

1. (Previously Presented) A method comprising:

determining if travel on a learned route by a user is likely;

requesting, through a mobile terminal, traffic information pertaining to the learned route when travel on the learned route is likely; and

delivering the traffic information via the mobile terminal to the user.

- 2. (Original) The method of claim 1 wherein at least one travel time is associated with the learned route and said step of determining if travel on a learned route by a user is likely comprises determining if a current time corresponds to the at least one travel time associated with the learned route.
- 3. (Original) The method of claim 2 wherein at least one destination is associated with the learned route and further comprising predicting one of the at least one destinations as a most likely destination based on the current time and the at least one travel time associated with the learned route, wherein the most likely destination bears on the traffic information delivered to the user of the mobile terminal.
- 4. (Original) The method of claim 1 wherein said step of determining if travel on the learned route by the user is likely comprises:

determining a location of the mobile terminal; and

comparing the location of the mobile terminal with location information associated with the learned route to determine if travel on the learned route by the user is likely.

5. (Original) The method of claim 4 further comprising determining a direction of travel along the learned route based on determining successive locations of the mobile terminal for at least one interval of time, wherein the direction of travel bears on the traffic information delivered to the user of the mobile terminal.

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- 6. (Original) The method of claim 4 wherein at least one travel time is associated with the learned route and said step of determining if travel on a learned route by the user is likely comprises determining if a current time corresponds to the at least one travel time associated with the learned route and the location of the mobile terminal corresponds with the location information associated with the learned route.
- 7. (Original) The method of claim 1 wherein at least one destination is associated with the learned route and further comprising predicting a most likely destination as one of the at least one destinations associated with the learned route based on determining a direction of travel along the learned route, wherein the most likely destination bears on the traffic information provided to the user of the mobile terminal.
- 8. (Original) The method of claim 7 wherein said determining a direction of travel along the learned route comprises determining successive locations of the mobile terminal.
- 9. (Original) The method of claim 1 further comprising learning the learned route by: recording locations of the mobile terminal traveling along a traveled route; and processing the locations to define the learned route.
- 10. (Original) The method of claim 9 further comprising:

receiving a first user command and performing said step of recording locations in response to the first user command; and

receiving a second user command and performing said step of processing the locations to define the learned route in response to the second user command.

11. (Currently Amended) The method of claim 9 wherein said processing the locations to defined define the learned route comprises correlating the locations with roadway information to identify at least one road segment associated with the locations, and wherein the step of requesting traffic information pertaining to the learned route is based on requesting traffic information pertinent to the at least one road segment.

12. (Currently Amended) The method of claim 1 <u>further comprising</u> wherein learning the learned route, wherein learning the learned route comprises:

periodically recording data including at least a location of the mobile terminal over a period of time;

processing the data to identify at least one group of associated ones of the locations; and defining at least one learned route as represented by the at least one group of associated ones of the locations.

13. (Currently Amended) A method comprising:
determining if travel on a learned route by a user is likely;
requesting, through a mobile terminal, traffic information pertaining to the learned route
when travel on the learned route is likely:
delivering the traffic information via the mobile terminal to the user.
learning the learned route by:
over a period of time;
processing the data to identify at least one group of associated ones of the
locations; and
defining at least one learned route as represented by the at least one group of
associated ones of the locations;
The method of claim 12 further wherein said processing the data comprises processing the data
such that locations having a most frequent rate of occurrence in the data are identified, and
wherein the locations having the most frequent rate of occurrence are associated based on a
location value to form the at least one group of associated ones of the locations.
14. (Currently Amended) The method of claim 13 wherein said processing data to identify the
locations having a most frequent rate of occurrence in the data comprises using a weighted
averaging algorithm.
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15. (Currently Amended) A method comprising:
determining if travel on a learned route by a user is likely;

requesting, through a mobile terminal, traffic information pertaining to the learned route
when travel on the learned route is likely;
accessing the traffic information pertinent to the learned τοute;
delivering the traffic information via the mobile terminal to the user:
learning the learned route by:
periodically recording data including at least a location of the mobile terminal
over a period of time;
processing the data to identify at least one group of associated ones of the
locations; and
defining at least one learned route as represented by the at least one group of
associated ones of the locations:
The method of claim 12 further comprising:
recording time information in conjunction with the locations as part of the data;
processing the time information in conjunction with the locations to identify at least one
travel time associated with the at least one learned route; and
processing the locations to determine a most likely direction of travel for the at least one
travel time;
wherein a current time and the most likely direction of travel bears on said step of
accessing the traffic information pertinent to the learned route.
16. (Currently Amended) A method comprising:
determining if travel on a learned route by a user is likely;
requesting, through a mobile terminal, traffic information pertaining to the learned route
when travel on the learned route is likely;
accessing traffic information pertaining to the learned route:
delivering the traffic information via the mobile terminal to the user;
learning the learned route by:
periodically recording data including at least a location of the mobile terminal
over a period of time:
processing the data to identify at least one group of associated ones of the
locations; and

defining at least one learned route as represented by the at least one group of associated ones of the locations;

The method of claim-12 further comprising:

correlating the at least one group of associated <u>ones of the</u> locations with roadway information to identify at least one road segment associated with the at least one learned route; and

wherein said step of accessing traffic information pertaining to the learned route is based on accessing traffic information pertinent to the at least one road segment.

- 17. (Currently Amended) The method of claim 1 further comprising processing the traffic information pertaining pertinent to the learned route to determine if an undesirable condition is indicated.
- 18. (Previously Presented) The method of claim 17 further comprising:

requesting, through the mobile terminal, traffic information pertaining to an alternate route; and

delivering the traffic information pertaining to the alternate route to the user of the mobile terminal if the undesirable condition is indicated.

- 19. (Original) The method of claim 17 further comprising receiving one or more user settings used to process the traffic information pertaining to the learned route.
- 20. (Previously Presented) A computer readable media comprising software for instructing a computer to:

determine if travel on a learned route by a user is likely; and provide traffic information pertaining to the learned route if travel on a learned route by the user is likely after receiving a request from the user's mobile terminal.

21. (Original) The computer readable media of claim 20 wherein said computer is instructed to determine if travel on a learned route by a user is likely by comparing a current time with travel

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time information that is associated with the learned route, and wherein the travel time information includes at least one travel time that the user previously traveled the learned route.

- 22. (Previously Presented) The computer readable media of claim 20 wherein said computer is instructed to determine if travel on a learned route by a user is likely by comparing a current location of the user's mobile terminal with at least one location comprising the learned route.
- 23. (Previously Presented) The computer readable media of claim 20 wherein said computer is instructed to determine if travel on a learned route by a user is likely based on comparing a current time and a current location of the user's mobile terminal to learned route information representing the learned route, and wherein the learned route information includes at least one travel time that the user previously traveled the learned route and at least one location associated with the learned route.
- 24. (Previously Presented) The computer readable media of claim 20 for further instructing the computer to receive location information representing a current location of the user's mobile terminal and to use the location information in determining if travel on the learned route by the user is likely.
- 25. (Original) The computer readable media of claim 20 wherein the computer is instructed to provide traffic information pertaining to the learned route if travel on a learned route by the user is likely based on retrieving traffic information pertaining to the learned route from an associated traffic information database and transferring the traffic information to an external system accessible to the user.
- 26. (Currently Amended) A computer readable media comprising software for instructing a computer to:

receive a traffic information query from a user's cellular telephone, including geographic location information relating to the user's cellular telephone position;

translating translate the geographic information into roadway information;

querying query a traffic information database for traffic information pertaining to the roadway information; and

providing provide the traffic information pertaining to the roadway information to the user's cellular telephone.

27. (Previously Presented) A computer readable media comprising software for instructing a computer to:

receive at least one location value representing a location of a user's cellular telephone; process the at least one location value to identify at least one group of associated locations representing at least one route of travel traveled by the user's cellular telephone; and query an associated traffic information database for traffic information.

- 28. (Original) The computer readable media of claim 27 for further instructing the computer to correlate the at least one group of associated locations with roadway information to form a learned route including at least one road segment.
- 29. (Previously Presented) The computer readable media of claim 28 wherein the query of the associated traffic information database for traffic information pertains to the learned route.
- 30. (Currently Amended) The computer readable media of claim 29 for further instructing the computer to determine if the traffic information pertaining to the learned route indicates an undesirable condition and if so to provide traffic information pertaining to an alternate route, said traffic information adapted to be delivered to the user's cellular telephone.
- 31. (Currently Amended) The computer readable media of claim 30 for further instructing the computer to determine the alternate route based on [[a]] determining a most likely current destination for the user, wherein information representing the learned route includes information representing at least one destination associated with the learned route.
- 32. (Previously Presented) A computer readable media comprising software for instructing a mobile terminal to:

determine if travel on a learned route is likely by a user associated with the mobile terminal;

request via the mobile terminal traffic information pertaining to the learned route from an outside system if travel on the learned route by the user is likely;

receive the traffic information from the outside system; and provide the traffic information to the user through the mobile terminal.

- 33. (Original) The computer readable media of claim 32 wherein the mobile terminal is instructed to determine if travel on a learned route is likely based on comparing a current time with at least one travel time associated with the learned route, and wherein the at least one travel time represents a time that the user previously traveled the learned route.
- 34. (Original) The computer readable media of claim 32 wherein the mobile terminal is instructed to determine if travel on a learned route is likely based on comparing a current location of the mobile terminal with at least one location associated with the learned route.
- 35. (Original) The computer readable media of claim 32 for further instructing the mobile terminal to request traffic information pertaining to an alternate route if the traffic information pertaining to the learned route received from the outside system indicates an undesirable condition.
- 36. (Original) The computer readable media of claim 35 for further instructing the mobile terminal to prompt the user to input customizable settings used to define at least one undesirable condition.
- 37. (Currently Amended) A computer readable media comprising software for instructing a cellular telephone to:

periodically record data including at least a location of the cellular telephone;

process the data to identify at least one group of associated locations representing a route

[[a]] of travel;

defining at least one learned route of travel based on the at least one group of associated locations; and

request traffic information related to the at least one learned route of travel.

- 38. (Previously Presented) The computer readable media of claim 37 for further instructing the cellular telephone to record time information in conjunction as part of the data periodically recorded and to further process the data to identify at least one travel time for each of the at least one learned routes, wherein the cellular telephone may compare a current time with the at least one travel times to predict whether or not a user is likely to travel on the learned route.
- 39. (Currently Amended) The computer readable media of claim 37 for further instructing the cellular telephone to process the data to identify at least one associated destination for each of the at least one learned routes, and for further instructing the mobile terminal cellular telephone to determine a direction of travel for the user when the user is traveling along a given one of the at least one learned routes, and for further instructing the cellular telephone to predict a most likely destination for the given one of the at least one learned routes based on the direction of travel.
- 40. (Currently Amended) The computer readable media of claim 37 for further instructing the cellular telephone to:

begin periodically recording locations of the cellular telephone in response to a first user command;

stop recording the data in response to a second user command; and process the data recorded between the first and second user commands to defined define a learned route.

41. (Currently Amended) A mobile terminal comprising:

a wireless communications interface adapted to communicate with a remote communications network;

a user interface adapted to provide information to a user of said mobile terminal and to receive control inputs from the user;

system control logic adapted to control said wireless communications interface and said user interface; and

traffic information logic adapted to form traffic information queries for transmission to the remote communications network, and process the traffic information received from the wireless communications network in response to the traffic information queries for subsequent delivery to the user via said user interface.

- 42. (Original) The mobile terminal of claim 41 wherein said traffic information logic is further adapted to record locations of the mobile terminal over at least one period of time, wherein the recorded locations facilitate learning one or more routes traveled by the user of said mobile terminal, and wherein the learning of one or more routes traveled by the user bears on the information included by the traffic information logic in forming at least some of the traffic information queries.
- 43. (Original) The mobile terminal of claim 42 wherein said traffic information logic is further adapted to process the locations recorded to identify at least one group of associated locations representing at least one traveled route, and further adapted to define the at least one traveled route as at least one learned route.
- 44. (Currently Amended) The mobile terminal of claim [[42]] 43 wherein the traffic information logic translates the at least one learned route into at least one road segment based on correlating the locations in the corresponding at least one group of associated locations with roadway information.
- 45. (Original) The mobile terminal of claim 44 wherein said mobile terminal is adapted to receive the roadway information from a separate navigational system, wherein said navigational system is included with said mobile terminal in a vehicular environment associated with the user of the mobile terminal.
- 46. (Original) The mobile terminal of claim 42 wherein said mobile terminal is further adapted to receive the locations from a separate navigational system, wherein said navigational system is

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included with said mobile terminal in a vehicular environment associated with the user of the mobile terminal.

- 47. (Original) The mobile terminal of claim 42 wherein said mobile terminal is further adapted to receive the locations from an integral navigational system included in said mobile terminal.
- 48. (Original) The mobile terminal of claim 42 wherein said traffic information logic comprises a portion of said system control logic.
- 49. (Original) The mobile terminal of claim 42 further comprising a module interface and wherein said traffic information logic comprises a module adapted to interface with said module interface.
- 50. (Currently Amended) The mobile terminal of claim 49 wherein said module is removably interfaces interfaced with said module interface such that said traffic information logic may be removably attached to said mobile terminal.
- 51. (Original) A traffic information system comprising:

a route learning system adapted to learn at least one route each of one or more vehicles having an associated mobile terminal based on recording locations of the mobile terminals over at least one period of time; and

a traffic information server adapted to provide traffic information for given ones of the mobile terminals in response to receiving traffic information queries from the given ones of the mobile terminals;

wherein the traffic information system uses a selected one of the at least one route learned for a given mobile terminal to configure the traffic information provided to the given mobile terminal.

52. (New) The method of claim 1 wherein delivering traffic information via the mobile terminal to the user comprises delivering information relating to information selected from the group consisting of: traffic congestion, accidents, traffic flow, traffic snarls, and construction.

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- 53. (New) The computer readable media of claim 20 wherein said software instructing a computer to provide traffic information provides information relating to information selected from the group consisting of: traffic congestion, accidents, traffic flow, traffic snarls, and construction.
- 54. (New) The computer readable media of claim 26 wherein the software for instructing a computer to provide the traffic information provides information relating to information selected from the group consisting of: traffic congestion, accidents, traffic flow, traffic snarls, and construction.
- 55. (New) The mobile terminal of claim 41 wherein said traffic information logic forms traffic information queries requesting information relating to information selected from the group consisting of: traffic congestion, accidents, traffic flow, traffic snarls, and construction.
- 56 (New) The traffic information system of claim 51 wherein said traffic information server adapted to provide traffic information provides traffic information relating to information selected from the group consisting of: traffic congestion, accidents, traffic flow, traffic snarls, and construction.

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